Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108985.D
Acq On : 14 Sep 2018 10:03
Operator : JU/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
9/17/2018 1:59:10 PM

Quant Time: Sep 14 12:47:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 12:24:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	156703	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	630098	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	315561	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	633429	20.00	ng		0.00
75) Chrysene-d12	13.85	240	536069	20.00	ng		0.00
86) Perylene-d12	15.26	264	526234	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	202126	21.37	ng		0.00
7) Phenol-d6	6.34	99	257455	21.15	ng		-0.02
23) Nitrobenzene-d5	7.28	82	239005	23.74	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	75608	25.10	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	496796	26.86	ng		0.00
78) Terphenyl-d14	12.81	244	457374	19.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	45843	10.085	ng		91
3) Pyridine	3.11	79	117608	9.447	ng		90
4) n-Nitrosodimethylamine	3.02	42	44017	9.205	ng		94
6) Aniline	6.38	93	166785	10.189	ng		94
8) 2-Chlorophenol	6.50	128	112786	10.772	ng		93
9) Benzaldehyde	6.26	77	91929	10.647	ng		96
10) Phenol	6.36	94	146911	10.539	ng		96
11) bis(2-Chloroethyl)ether	6.45	93	114549	10.258	ng		98
12) 1,3-Dichlorobenzene	6.66	146	128828	10.783	ng		98
13) 1,4-Dichlorobenzene	6.74	146	128442	10.750	ng		98
14) 1,2-Dichlorobenzene	6.89	146	122954	11.165	ng		99
15) Benzyl Alcohol	6.86	79	98690	10.566	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	162725	9.749	ng		97
17) 2-Methylphenol	6.97	107	88218	9.970	ng		98
18) Hexachloroethane	7.24	117	45525	10.567	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	85785	10.140	ng		96
20) 3+4-Methylphenols	7.12	107	118501	11.433	ng	#	56
22) Acetophenone	7.12	105	159746	11.171	ng	#	95
24) Nitrobenzene	7.30	77	122746	11.362	ng		99
25) Isophorone	7.54	82	201565	10.036	ng		97
26) 2-Nitrophenol	7.62	139	54394	12.780	ng		91
27) 2,4-Dimethylphenol	7.65	122	89384	10.342	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	140144	10.437	ng		99
29) 2,4-Dichlorophenol	7.85	162	94844	10.642	ng		95
30) 1,2,4-Trichlorobenzene	7.95	180	103965	10.764	ng		95
31) Naphthalene	8.02	128	318468	11.234	ng		99
32) Benzoic acid	7.73	122	50156m	9.477	ng		
33) 4-Chloroaniline	8.07	127	141230	10.848	ng		96
34) Hexachlorobutadiene	8.15	225	63675	11.036	ng		98
35) Caprolactam	8.41	113	31079	10.291	ng	#	80
36) 4-Chloro-3-methylphenol	8.55	107	101211	10.661	ng		100
37) 2-Methylnaphthalene	8.71	142	208891	11.154	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	109523	11.611	ng		97
40) Hexachlorocyclopentadiene	8.88	237	49756	10.485	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	70116	10.913	ng		99
43) 2,4,5-Trichlorophenol	9.02	196	74424	11.175	ng		97
45) 1,1'-Biphenyl	9.18	154	285491	11.752	ng		97
46) 2-Chloronaphthalene	9.20	162	223228	11.362	ng		98
47) 2-Nitroaniline	9.29	65	65249	12.156	ng		99
48) Acenaphthylene	9.61	152	340024	11.610	ng		98
49) Dimethylphthalate	9.47	163	246473	11.167	ng		99
50) 2,6-Dinitrotoluene	9.53	165	52664	12.522	ng		96
51) Acenaphthene	9.78	154	208274	11.492	ng		99
52) 3-Nitroaniline	9.70	138	62053	12.395	ng		98
53) 2,4-Dinitrophenol	9.80	184	15543	12.708	ng	#	24
54) Dibenzofuran	9.95	168	308752	11.687	ng		100
55) 4-Nitrophenol	9.85	139	44653	11.931	ng		92
56) 2,4-Dinitrotoluene	9.93	165	69854	12.988	ng	#	95
57) Fluorene	10.30	166	220574	13.011	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	62756	11.684	ng	#	87
59) Diethylphthalate	10.17	149	251150	11.027	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	119199	13.165	ng		89
61) 4-Nitroaniline	10.30	138	58206	12.834	ng		93
62) Azobenzene	10.45	77	258786	11.007	ng		96
64) 4,6-Dinitro-2-methylphenol	10.34	198	25785	11.550	ng		90
65) n-Nitrosodiphenylamine	10.41	169	227254	10.791	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	77097	10.776	ng	#	89
67) Hexachlorobenzene	10.85	284	83320	10.910	ng	#	85
68) Atrazine	10.93	200	72369	10.734	ng		98
69) Pentachlorophenol	11.04	266	48233	10.330	ng		97
70) Phenanthrene	11.25	178	348796	11.531	ng		98
71) Anthracene	11.30	178	352671	12.177	ng		99
72) Carbazole	11.45	167	343939	11.276	ng		98
73) Di-n-butylphthalate	11.80	149	413353	12.204	ng		99
74) Fluoranthene	12.43	202	367016	12.255	ng		98
76) Benzidine	12.55	184	226554	8.917	ng		99
77) Pyrene	12.66	202	386202	9.363	ng		99
79) Butylbenzylphthalate	13.28	149	168242	9.057	ng		95
80) Benzo(a)anthracene	13.84	228	331288	9.642	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	135518	10.123	ng	#	96
82) Chrysene	13.88	228	323287	9.719	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	213165	9.131	ng		99
84) Di-n-octyl phthalate	14.46	149	374825	9.631	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	260271	8.841	ng		95
87) Benzo(b)fluoranthene	14.85	252	308022	10.765	ng		99
88) Benzo(k)fluoranthene	14.88	252	279070	10.590	ng		97
89) Benzo(a)pyrene	15.19	252	271576	10.518	ng		99
90) Dibenzo(a,h)anthracene	16.62	278	218817	9.618	ng		97
91) Benzo(g,h,i)perylene	17.00	276	206358	9.059	ng		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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